

WHAT IS CLAIMED IS:

1. A color cathode ray tube comprising:
a pair of long frames,
a pair of opposing short frames that are fixed to the pair of long frames and support the long frames, and
a shadow mask fixed to the pair of long frames in a state applied with a tensile force,
wherein the short frames have substantially-triangular bent parts formed to protrude toward the shadow mask.
2. The color cathode ray tube according to claim 1, wherein neutral axes in the crests of the substantially-triangular bent parts protruding toward the shadow mask are located above a surface of the shadow mask.
3. The color cathode ray tube of the color cathode ray tube according to claim 1, wherein the substantially-triangular bent parts form recesses having a width dimension in a range from $1/6$ to $1/2$ of the maximum length in the longitudinal direction of the short frames.
4. The color cathode ray tube according to claim 1, wherein the substantially-triangular bent parts have circular corners with an outer radius of curvature of at least 15 mm.
5. The color cathode ray tube according to claim 1, further comprising support-adjusting members fixed to the short frames by extending across the recesses formed by the substantially-triangular bent parts.
6. The color cathode ray tube according to claim 5, wherein the support-adjusting members have a thermal expansion coefficient that is bigger than that of the short frames.